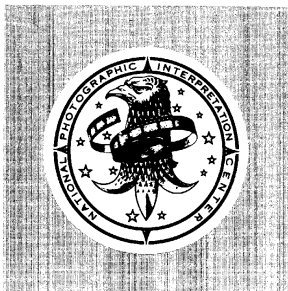


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**Secret**

**(See inside cover)**

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NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**P**HOTOGRAPHIC  
**E**XPLOITATION  
**P**RODUCTS

Declass Review by  
NIMA/DOD

# **QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JULY - SEPTEMBER 1975**

**Secret**

NPIC/R-11/75  
OCTOBER 1975

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NATIONAL SECURITY INFORMATION  
Unauthorized Disclosure Subject to Criminal Sanctions

Classified by 009907  
Exempt from General Declassification Schedule  
of E.O. 11652, exemption category: 5B(2)  
Automatically declassified on:  
*date impossible to determine*

DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL . . . -	This Information has been Authorized for Release to . . .

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

# **QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JULY - SEPTEMBER 1975**

OCTOBER 1975

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NPIC/R-11/75

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## INTRODUCTION

25X1C The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Air Force, Central Intelligence Agency, Defense Intelligence Agency [redacted] as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published quarterly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: NPIC/PSG/RSD/IB.

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## GUIDE TO USERS

The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)

- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

## TYPICAL ACCESSION CITATION

25X1A AF REPT 15-72 14 AUG 72 SEC CLASS: 07 MSN [ ] 3P ACCN: S059381  
BYDGOSZCZ AIRFIELD HANGARETTES U/C COVER NEW PL 5305 [ ] N 01758 [ ] E  
WAC NO : 0169 BE/OBJ NO [ ] NPIC NO : - 20-A  
25X1A IDHS CODE [ ] EPF CAT : 05A COMIREX NO [ ]

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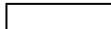
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COMMENTS AND QUERIES REGARDING THIS REPORT ARE WELCOMED.  
THEY MAY BE DIRECTED TO [ ] OF PSG/NPIC, CODE

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#### ABBREVIATIONS AND NUMERIC CODES

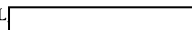
##### REPORT TYPES

BIIB - Basic Imagery Interpretation Brief  
BIIR - Basic Imagery Interpretation Report  
BREF - Photographic Interpretation Brief  
DPIR - Detailed Photographic Interpretation Report  
ENDR - Engineering Drawing  
FEDR - Detailed Photographic Interpretation Report (Far East)  
FEGR - General Photographic Interpretation Report (Far East)  
FESR - Special Photographic Interpretation Report (Far East)  
IIM - Imagery Interpretation Memorandum  
INFR - Inter-office Memorandum  
IRA - Imagery Research Aid  
MCP - Mission Track  
MEMO - Memorandum  
MODL - Model Announcement  
NAIR - New Applications of Imagery Report  
NEDR - Detailed Photographic Interpretation Report (Near East)

NEGR - General Photographic Interpretation Report (Near East)  
NEIR - Initial Photographic Interpretation Report (Near East)  
NESR - Special Photographic Interpretation Report (Near East)  
NEWS - Technical Newsletter  
NOTE - Photographic Interpretation Note  
REPT - Photographic Interpretation Report  
SPIR - Special Photographic Intelligence Report  
SUMP - Summary  
TP - Technical Publication

##### SECURITY CLASSIFICATION

00 - UNCLASSIFIED  
04 - SECRET  
05 - SECRET  
07 - CONFIDENTIAL  
08 - CONFIDENTIAL



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ORIGINATOR

ACDA - ARMS CONTROL AND DISARMAMENT AGENCY

AEC - ATOMIC ENERGY COMMISSION

AF - AIR FORCE

ARMY - ARMY

NAVY - NAVY

NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

NSA - NATIONAL SECURITY AGENCY

NTPC - NATIONAL TECHNICAL PROCESSING CENTER

25X1C

CIA - CENTRAL INTELLIGENCE AGENCY

DIA - DEFENSE INTELLIGENCE AGENCY (DEFENSE PRODUCTION CENTER)

GMAIC - GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE COMMITTEE

SAC - SAC (544th RTS)

SAC-1 - SAC-1 (8th RTS)

SAC-2 - SAC-2 (3921 ST RTS)

SAC-C - SAC-C (15th RTS)

STL - SPACE TECHNOLOGY LABORATORY

SVIET - SOUTH VIETNAM (Translated PI Reports)

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JOINT - JOINT (2 or more USIB members participating)

USIB - UNITED STATES INTELLIGENCE BOARD

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILES & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

80 - STORAGE ACTIVITY (NON-MILITARY)

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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PART I

Listing of Reports Alphabetically

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## PART II

Listing of Reports by Originator

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### PART III

Listing of Reports by General Subject

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#### PART IV

Listing of Reports by Coordinates

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PART V

Listing of Reports by WAC/BE Number

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## PART VI

Listing of Reports by Accession Number

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DIA IIM 8C-10720-75 06 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S071558  
25X1A AR RAWDATAYN PETROLEUM PROD STGE/PUMPING STA KU 295225N 0474325E  
WAC NO : 0445 BE/OBJ NO: NPIC NO :  
25X1A IDHS CODE EPF CAT : 80A COMIREX NO:

DIA IIM 8C-10721-75 06 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S071559  
AR RAWDATAYN GAS/OIL SEPARATION PLANT NORTH KU 295400N 0474355E  
WAC NO : 0445 BE/OBJ NO: NPIC NO :  
25X1A IDHS CODE EPF CAT : 30B COMIREX NO:

DIA IIM 8C-10722-75 06 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S071560  
AR RAWDATAYN GAS/OIL SEPARATION PLANT 2 EAST KU 294810N 0475030E  
WAC NO : 0445 BE/OBJ NO: NPIC NO :  
25X1A IDHS CODE EPF CAT : 30B COMIREX NO:

DIA IIM 8C-10723-75 06 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S071561  
AR RAWDATAYN GAS/OIL SEPARATION PLANT 1 EAST KU 295030N 0475100E  
WAC NO : 0445 BE/OBJ NO: NPIC NO :  
25X1A IDHS CODE EPF CAT : 30B COMIREX NO:

AF REPT 1-75 21 MAR 75 SEC CLASS: 04 MSN: 2P ACCN: S071652  
25X1A ELECTRONICS, LONG TRACK A EW RADAR UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE EPF CAT : 25A COMIREX NO:  
25X1A ELECTRONICS, LONG TRACK B EW RADAR MODIFIED UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE EPF CAT : 25A COMIREX NO:

AF ENDR A1002-75 20 MAR 75 SEC CLASS: 07 MSN: 1P ACCN: S071654  
AIRCRAFT, SU-20 FITTER C WING POD UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE EPF CAT : 05D COMIREX NO:

25X6

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DIA IIM 8C-10741-75 13 MAY 75 SEC CLASS: 05 X MSN: 3P ACCN: S071688

AL BALAIM PETROLEUM PRODUCTS STORAGE EG 283700N 0331325E  
WAC NO : 0447 BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 80A COMIREX NO:

25X1A

AF REPT REE04-8003-75 30 MAY 75 SEC CLASS: 05 MSN: 33P ACCN: S071763

MISSILES, SA-3 DEPLOYMENT UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 40C COMIREX NO:

25X6

MISSILES, SA-3 DEPLOYMENT PL  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 40C COMIREX NO:

THIS REPORT PRESENTS INFORMATION ON THE DEPLOYMENT OF THE SA/3/GOA SURFACE/TO/AIR MISSILE /SAM/ SYSTEM AS A BARRIER DEFENSE AGAINST LOW ATTITUDE PENETRATION OF SOVIET, [REDACTED] AND POLISH AIRSPACE ALONG THE BALTIC SEA COAST. THE REPORT ADDRESSES THE SA/3 SYSTEM, SUPPORT EQUIPMENT, AND SITE CONFIGURATIONS/LOCATIONS, ILLUSTRATIVE MAPS, PRINTS, AND TABULAR SUMMARIES ARE INCLUDED. THE INFORMATION INCLUDED IN THIS REPORT WAS DERIVED FROM IMAGERY EXPLOITATION AND IS CURRENT [REDACTED]

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AF BIIR RFB22-5011-75 JAN 75 SEC CLASS: 07 MSN: 11P ACCN: S071926

AIRCRAFT, TU-134 CRUSTY UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

THIS REPORT PRESENTS AN ANALYSIS OF THE CRUSTY (TU-134A), A SWEEPWING, TWIN-JET, MEDIUM TRANSPORT AIRCRAFT DEVELOPED BY THE TUPOLEV DESIGN BUREAU. THE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPHIC ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT. CRUSTY (TU-134A) HAS A FUSELAGE LENGTH OF 110 FEET AND A WINGSPAN OF [REDACTED]

25X1D

AF ENDR E1010-2-73 24 JAN 75 SEC CLASS: 07 MSN: 1P ACCN: S071972

AIRCRAFT, IL-18 COOT UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A

AF ENDR E1003-75 20 FEB 75 SEC CLASS: 07 MSN: 1P ACCN: S071973

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25X1A ELECTRONICS, LONG TRACK B EW RADAR [ ] UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 25A COMIREX NO:

AF BIIR RFB22-5009-75 JAN 75 SEC CLASS: 05 MSN: 13P ACCN: S072006

25X1A AIRCRAFT, TU-128 FIDDLER A [ ] UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A AIRCRAFT, TU-128 FIDDLER B [ ] UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1A AIRCRAFT, TU-128 FIDDLER B MODIFIED [ ] UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

25X1D THIS REPORT PRESENTS AN ANALYSIS OF THE FIDDLER A, THE FIDDLER B, AND THE FIDDLER B MODIFIED. THE  
25X1D FIDDLER (TU-128) IS A LARGE, TUPOLEV-DESIGNED, SWEEPWING, TWIN-JET INTERCEPTOR. THE FIDDLER A AND FIDDLER  
25X1D B ARE TWO-PLACE AIRCRAFT WHILE THE FIDDLER B MODIFIED MAY BE A THREE-PLACE AIRCRAFT WITH THE ADDITIONAL  
CREWMAN LOCATED IN THE ENLARGED NOSE SECTION. THE REPORT CONTAINS A BASIC DESCRIPTION, ORTHOGRAPHIC  
ENGINEERING DRAWINGS, AND SELECTED PHOTOGRAPHY OF THE AIRCRAFT. THIS REPORT SUPERSEDES FTD BIIR,  
RFB-22/5034/71, FIDDLER, DATED APRIL 1971 (SECRET).

25X1D THE FIDDLER A HAS A FUSELAGE LENGTH OF [ ] AND A WINGSPAN OF [ ] THE FIDDLER B RETAINS THE  
25X1D [ ] FUSELAGE LENGTH BUT HAS A WINGSPAN OF [ ] THE FIDDLER B MODIFIED HAS AN INCREASED FUSELAGE  
25X1D LENGTH OF [ ] BUT RETAINS THE [ ] FIDDLER B WINGSPAN.

25X1C

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25X1C

25X6

DIA	IIM	8C-10750-75	05 JUN 75	SEC CLASS: 05 X MSN:	4P	ACCN: S072096
25X1A		CABAIGUAN PETROLEUM REFINERY + STORAGE		CU 220415N 0792947W		
25X1A		WAC NO : 0586	BE/OBJ NO	NPIC NO :		
25X1A		IDHS CODE	EPF CAT : 30B	COMIREX NO:		
25X1A		CABAIGUAN PETROLEUM REFINERY + STORAGE		CU 220415N 0792947W		
25X1A		WAC NO : 0586	BE/OBJ NO	NPIC NO :		
25X1A		IDHS CODE	EPF CAT : 80A	COMIREX NO:		
DIA	IIM	8C-10760-75	05 JUN 75	SEC CLASS: 05 X MSN:	4P	ACCN: S072097
25X1A		MATANZAS THERMAL POWER PLANT JOSE MARTI		CU 230400N 0813216W		
25X1A		WAC NO : 0586	BE/OBJ NO	NPIC NO :		
25X1A		IDHS CODE	EPF CAT : 30E	COMIREX NO:		
ARMY	BIIR	RAC24-5011-75	MAY 75	SEC CLASS: 05 MSN:	9P	ACCN: S072114
25X1A		ELECTRONICS, TWIN EAR TROPOSCATTER SYSTEM MBL		UR		
		WAC NO :	BE/OBJ NO	NPIC NO :		
		IDHS CODE:	EPF CAT : 25D	COMIREX NO:		
		MILITARY, URAL-375 BOX BODIED VAN		UR		

25  
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R-11/75  
XXXXXX25X1A WAC NO : BE/OBJ NO NPIC NO :  
IDHS CODE: EPF CAT : 35E COMIREX NO:

TWIN EAR IS A MOBILE, DUAL-ANTENNA, TROPOSCATTER COMMUNICATIONS SYSTEM MOUNTED ON A URAL-375 BOX-BODIED VAN. INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, LINE DRAWINGS WITH DIMENSIONS, AND A BASIC DESCRIPTION DERIVED FROM PHOTOGRAPHY AND COLLATERAL MATERIAL. THIS INFORMATION IS CURRENT

25X1D

25X1D

ARMY BIIR RAC24-5009-75 FEB 75 SEC CLASS: 07 MSN: 10P ACCN: S072115

25X1A MILITARY, T-12A 100MM ANTI TANK GUN UR  
WAC NO : BE/OBJ NO NPIC NO :  
IDHS CODE: EPF CAT : 35E COMIREX NO:25X1A MILITARY, T-12 100MM ANTI TANK GUN UR  
WAC NO : BE/OBJ NO NPIC NO :  
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS BASIC IMAGERY INTERPRETATION REPORT, BASED ON GROUND PHOTOGRAPHY AND DOCUMENTED REPORTS, PRESENTS DETAILED DESCRIPTIONS OF THE SOVIET 100 MM ANTI-TANK GUN T-12A AND THE SOVIET 100 MM ANTI-TANK GUN T-12. ALSO INCLUDED IN THE REPORT ARE BASIC DESCRIPTIONS, ANNOTATED PHOTOGRAPHS, AND LINE DRAWINGS WITH DIMENSIONS OF BOTH MODELS. THE INFORMATION CONTAINED IN THIS REPORT IS CURRENT

25X1D

DIA IIM 8C-10788-75 06 JUN 75 SEC CLASS: 05 X MSN: 4P ACCN: S072116

25X1A CIENFUEGOS THERMAL POWER PLANT CARLOS MANUEL CU 220929N 0802724W  
WAC NO : 0586 BE/OBJ NO NPIC NO :  
25X1A IDHS CODE: EPF CAT : 30E COMIREX NO:

DIA IIM 8C-10792-75 12 JUN 75 SEC CLASS: 05 X MSN: 4P ACCN: S072194

25X1A SANTIAGO DE CUBA THERMAL PWR PLT HECTOR PAVON CU 200040N 0755027W  
WAC NO : 0585 BE/OBJ NO NPIC NO :  
25X1A IDHS CODE: EPF CAT : 30E COMIREX NO:

ARMY BIIR RAC24-5014-75 MAY 75 SEC CLASS: 08 MSN: 7P ACCN: S072235

25X1A MILITARY, MAZ-535A CARGO TRUCK UR  
WAC NO : BE/OBJ NO NPIC NO :  
IDHS CODE: EPF CAT : 35E COMIREX NO:

THIS REPORT, BASED ON GROUND PHOTOGRAPHY AND DOCUMENTED REPORTS, IS A DETAILED DESCRIPTION OF THE MAZ-535A, 8X8, 7-METRIC-TON CARGO TRUCK. ALSO INCLUDED ARE THE PHYSICAL AND FUNCTIONAL DESCRIPTIONS.

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25X1D ANNOTATED PHOTOGRAPHY, AND LINE DRAWINGS WITH DIMENSIONS. THE INFORMATION CONTAINED IN THIS REPORT IS  
CURRENT [REDACTED]

CIA INFR MSD134-75 04 JUN 75 SEC CLASS: 05 MSN: 4P ACCN: S072270

ELECTRONICS, CANTON A WEATHER RADAR MOBILE CH  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 25A COMIREX NO:  
ELECTRONICS, ANTENNA HSINGYANGHUNG CLASS MTD CH  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 25I COMIREX NO:

AF ENDR E1005-1-71 31 DEC 74 SEC CLASS: 05C MSN: 1P ACCN: S072288

25X1A MISSILES, SA-4 UR  
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :  
IDHS CODE: EPF CAT : 40C COMIREX NO:

AF ENDR E3012-1-73 17 DEC 74 SEC CLASS: 00B MSN: 1P ACCN: S072289

25X1A SPACE, MOLNIYA 2 UR  
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :  
IDHS CODE: EPF CAT : 40H COMIREX NO:

AF ENDR D3004-1-74 15 APR 75 SEC CLASS: 07 MSN: 1P ACCN: S072290

25X1A SPACE, SALYUT STAR CITY MODEL UR  
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :  
IDHS CODE: EPF CAT : 40H COMIREX NO:

AF ENDR E1021-1-74 21 JAN 75 SEC CLASS: 04 MSN: 1P ACCN: S072291

25X1A MISSILES, AA-3 VARIANTS UR  
WAC NO : BE/OBJ NO: [REDACTED] NPIC NO :  
IDHS CODE: EPF CAT : 40J COMIREX NO:

AF ENDR D3001-75 31 MAR 75 SEC CLASS: 00B MSN: 1P ACCN: S072319

SPACE, INTERCOMOS 10 UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 40H COMIREX NO:

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25X1

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R-11/75  
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25X1

AF REPT 3-75 08 MAY 75 SEC CLASS: 04 MSN: 3P ACCN: S072320

25X1A AIRCRAFT, FOXBAT B/C PROPULSION ANALYSIS UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

DIA IIM 8C-10754-75 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S072335

25X1A ALIAGA PETROLEUM REFINERY + STORAGE TPA0 TU 384810N 0265620E  
WAC NO : 0342 BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 30B COMIREX NO:

25X1A ALIAGA PETROLEUM REFINERY + STORAGE TPA0 TU 384810N 0265620E  
WAC NO : 0342 BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 80A COMIREX NO:

DIA IIM 8C-10824-75 MAY 75 SEC CLASS: 05 X MSN: 4P ACCN: S072336

25X1A NUEVITAS THERMAL POWER PLANT CU 213350N 0771645W  
WAC NO : 0586 BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 30E COMIREX NO:

DIA IIM 8C-10844-75 30 JUN 75 SEC CLASS: 05 X MSN: 4P ACCN: S072393

25X1A TRIESTE CRUDE OIL STORAGE SE IT 453540N 0135050E  
WAC NO : 0252 BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 80A COMIREX NO:

NAVY BIR RNG23-5020-75 JUN 75 SEC CLASS: 05 MSN: 9P ACCN: S072484

25X1A ELECTRONICS, FISH BOWL RADOME PGGP CLASS MTD UR  
WAC NO : BE/OBJ NO : NPIC NO :  
IDHS CODE: EPF CAT : 251 COMIREX NO:

25X1D THIS REPORT PROVIDES A DETAILED, IMAGERY-DERIVED ANALYSIS OF FISH BOWL RADOME, BASED ON AVAILABLE  
25X1D GROUND AND AERIAL PHOTOGRAPHY. IT INCLUDES PROVISIONAL SCALE DRAWINGS, BASIC DIMENSIONAL CHARACTERISTICS,  
25X1D ANNOTATED PHOTOGRAPHS OF THE RADOME, AND SELECTED PHOTOGRAPHS OF THE NANUCHKA CLASS PGGP, WHICH IS  
CURRENTLY THE ONLY SHIP EQUIPPED WITH FISH BOWL. THE FISH BOWL RADOME IS IN DIAMETER  
AND HIGH. DIMENSIONS OF ITS BASE IS IN DIAMETER (MINIMUM) AND  
HIGH. THE PARABOLOID REFLECTOR INSIDE THE RADOME MEASURES APPROXIMATELY 1.0 METER (3.3 FT)  
AND APPEARS CAPABLE OF ROTATING 360 DEGREES IN AZIMUTH AND PROBABLY CAN BE  
ELEVATED.

TWO FISH BOWL INSTALLATIONS ARE SITUATED FORWARD OF THE MAST AND ARE LOCATED PORT AND STARBOARD AFT OF

28  
SECRET

SECRET

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25X1

25X1D

THE LARGER BAND STAND RADOME.  
THE INTELLIGENCE CUTOFF DATE FOR THIS REPORT

ARMY BIIR RAC24-5010-75

JUN 75

SEC CLASS: 05 MSN:

13P

ACCN: S072593

25X1A

ELECTRONICS, LONG TRACK A/B EW/ACQ RADAR UR  
WAC NO : BE/OBJ NO NPIC NO :  
IDHS CODE: EPF CAT : 25A COMIREX NO:

LONG TRACK IS A SOVIET DESIGNED MOBILE AIR SURVEILLANCE RADAR WHICH IS ALSO USED AS THE TARGET  
ACQUISITION RADAR FOR THE SA-4 (GANEF) MISSILE SYSTEM AND REPORTEDLY USED WITH THE SA-6 (GAINFUL) MISSILE  
SYSTEM. INCLUDED IN THIS REPORT ARE ANNOTATED PHOTOGRAPHS, LINE DRAWINGS WITH DIMENSIONS, ELINT  
INFORMATION AND A BASIC DESCRIPTION DERIVED FROM PHOTOGRAPHY AND COLLATERAL MATERIAL. THIS INFORMATION IS  
CURRENT

25X1D

25X2

DIA IIM 5D-10883-75 16 JUL 75

SEC CLASS: 05 X MSN:

3P

ACCN: S072645

25X1A

AL BASRAH POL PUMPING STA + GAS/OIL SEP PLT IZ 302937N 0473626E

25X1A

WAC NO : 0445 BE/OBJ NO NPIC NO :

IDHS CODE: EPF CAT : 85E COMIREX NO:

25X1A

AL BASRAH POL PUMPING STA + GAS/OIL SEP PLT IZ 302937N 0473626E

25X1A

WAC NO : 0445 BE/OBJ NO NPIC NO :

IDHS CODE: EPF CAT : 30B COMIREX NO:

25X1C

29  
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25X1

25X1

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25X1C

AF ENDR B4003-1-72 21 MAY 75 SEC CLASS: 08B MSN: 1P ACCN: S072817

25X1A AIRCRAFT, MIG-23 FLOGGER MODIFIED UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF ENDR B3014-1-70 21 MAY 75 SEC CLASS: 04 MSN: 1P ACCN: S072818

25X1A AIRCRAFT, AN-22 COCK B NOSE + CHIN RADOMES UR  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 05D COMIREX NO:

AF ENDR B1004-75 19 JUN 75 SEC CLASS: 00 MSN: 1P ACCN: S072820

MILITARY, 128MM ROCKET HIGH VELOCITY YO  
WAC NO : BE/OBJ NO: NPIC NO :  
IDHS CODE: EPF CAT : 35E COMIREX NO:  
MILITARY, 57MM ROCKET FOLDING FIN YO

32  
SECRET

SECRET

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25X1

WAC NO :  
IDHS CODE:

BE/OBJ NO:  
EPF CAT : 35E

NPIC NO :  
COMIREX NO:

AF REPT 2-75 25 APR 75

SEC CLASS: 07 MSN:

2P

ACCN: S072847

AIRCRAFT, MIG-23 FLOGGER B NOSE MODIFICATION

UR

25X1A

WAC NO :  
IDHS CODE:

BE/OBJ NO:  
EPF CAT : 05D

NPIC NO :  
COMIREX NO:

33

SECRET

25X1



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